WEST

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Search Results -

Terms	Documents
L26 and (placeholder or space or slot)	38

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text | Clear

Search History

DATE: Tuesday, February 19, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L27	L26 and (placeholder or space or slot)	38	L27
L26	L25 and content same node	44	L26
L25	l13 and (folder or container)	589	L25
L24	l13 and (workfolder or taskfolder)	1	L24
L23	l13 and workfolder	1	L23
L22	5781908.pn.	3	L22
L21	5809543.pn.	3	L21
L20	L19 and placeholders	35	L20
L19	document near5 folder or container same link$	16823	L19
L18	document same folder or container same link$	17500	L18
L17	L15 and l16	14	L17
L16	L13 and placeholders	31	L16
L15	L14 and (folder or container)	14	L15
L14	L13 and placeholder	31	L14
L13	electronic near5 document	7687	L13
L12	L7 and placeholder	1	L12
L11	L7 and workspace	12	L11
L10	L7 and (placeholder$ or slot or space)	47	L10
L9	L7 and placeholder$	1	L9
L8	L7 and categoriz$3	6	L8
L7	document same folder same link$	96	L7
L6	holder same documents	3797	L6
L5	L3 and node	14	L5
DB=USPT; PLUR=YES; OP=			
L4	5809543.pn.	1	L4
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	L1 and (slot or space or placeholder$)	29	L3
L2	L1 and electronic same document	18	L2
L1	(workfolder or work adj folder or taskfolder)	58	L1

END OF SEARCH HISTORY

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Search Results -

Terms	Documents
(((717/3)!.CCLS.))	2

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L39

Refine Search | Recall Text | Clear

Search History

DATE: Tuesday, February 19, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L39	(((717/3)!.CCLS.))	2	L39
L38	(((717/$)!.CCLS.))	2978	L38
L37	(((704/$)!.CCLS.))	12062	L37
L36	(((704/9)!.CCLS.))	512	L36
L35	(((701/30)!.CCLS.))	82	L35
L34	(((701/29)!.CCLS.))	647	L34
L33	(((701/$)!.CCLS.))	20026	L33
L32	(((707/511)!.CCLS.))	136	L32
L31	(((707/204)!.CCLS.))	424	L31
L30	(((707/$)!.CCLS.))	12851	L30
L29	(((707/531)!.CCLS.))	678	L29

L28	(((707/522)!.CCLS.))	76	L28
L27	(((707/500)!.CCLS.))	329	L27
L26	(((707/206)!.CCLS.))	249	L26
L25	(((707/200)!.CCLS.))	774	L25
L24	(((707/104.1)!.CCLS.))	1437	L24
L23	(((707/100)!.CCLS.))	934	L23
L22	(((707/10)!.CCLS.))	1779	L22
L21	((707/1)!.CCLS.)	1273	L21
L20	5893087.pn.	3	L20
L19	5729730.pn.	3	L19
L18	L17 and node$	4	L18
L17	l6 and l8	8	L17
L16	l6 and content same node$	0	L16
L15	L12 and content near2 node$	10	L15
L14	L12 and content near$2 node$	1391621	L14
L13	L10 and content near$2 node$	1392212	L13
L12	L10 and node$	479	L12
L11	l6 and l8	8	L11
L10	l3 and l8	1454	L10
L9	(((709/206)!.CCLS.))	642	L9
L8	((709/$)!.CCLS.)	14206	L8
L7	L6 and categor$	19	L7
L6	L5 and placeholder	21	L6
L5	L4 and link$	499	L5
L4	L3 and (folder or container)	758	L4
L3	electronic adj mail	13355	L3
L2	L1 and workfolder	0	L2
L1	electronic near5 mail	14356	L1

END OF SEARCH HISTORY

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

starting with: SLOT$(SLOT-K-BETTER).P29-P90,P92-P94,P24-P28,P21-P23,P1-P19,P20-P20.

Search Results -

Terms	Documents
L2 and (placeholder$ or slot$ or space)	4

Database:
US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text | Clear

Search History

DATE: Tuesday, February 19, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	L2 and (placeholder$ or slot$ or space)	4	L3
L2	L1 and electronic near5 document	7	L2
L1	(workfolder or work adj folder or taskfolder)	58	L1

END OF SEARCH HISTORY

L10: Entry 34 of 47 File: USPT Feb 7, 1995

US-PAT-NO: 5388196
DOCUMENT-IDENTIFIER: US 5388196 A

TITLE: Hierarchical shared books with database

DATE-ISSUED: February 7, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pajak; Henry G.	Ontario	NY		
Byrne; Kenneth C.	Henrietta	NY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Xerox Corporation	Stamford	CT			02

APPL-NO: 7/ 578384 [PALM]
DATE FILED: September 7, 1990

INT-CL: [6] G06 F 15/00

US-CL-ISSUED: 395/153; 395/161
US-CL-CURRENT: 345/751; 345/781, 345/839, 345/853, 707/514

FIELD-OF-SEARCH: 395/153, 395/155, 395/160, 395/161

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4399504	August 1983	Obermark et al.	364/200
☐	4543630	September 1985	Neches	364/200
☐	4604686	August 1986	Reiter et al.	364/200
☐	4631644	December 1986	Bachman	364/200
☐	5008853	April 1991	Bly et al.	395/153

ART-UNIT: 231
PRIMARY-EXAMINER: Zimmerman; Mark K.
ATTY-AGENT-FIRM: Chapuran; Ronald F. Zell; Thomas B.

ABSTRACT:

A representation of a shared structured container type data object with related data bases can be used to present information in a hierarchy or multi-level mode about the activities and status relating to the shared container type structured data object and related data bases and its content of a plurality of structured data

objects as well as ot[redacted] information affecting or trac[redacted]g the shared container type structured data object content in multi-levels. Further, user access control also provides exclusivity or privacy to invoked changes to parts of the shared container type structured data object and related data bases without interference from other users but with an indication to the other users of access control attributes thereby providing coordinated consistency among users relative to changes to all parts of the shared container type structured data object. There is also the provision for sharing a container with related data base and for Quick Query access to the data base allowing the sharing of multiple objects within the container and the capability of populating and querying the various objects within the container as well as within the data base.

10 Claims, 19 Drawing figures

WEST

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L15: Entry 10 of 14 File: USPT May 8, 2001

US-PAT-NO: 6230173
DOCUMENT-IDENTIFIER: US 6230173 B1

TITLE: Method for creating structured documents in a publishing system

DATE-ISSUED: May 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ferrel; Patrick J.	Seattle	WA		
Meyer; Robert F.	Redmond	WA		
Millet; Stephen J.	Seattle	WA		
Shewchuk; John P.	Seattle	WA		
Smith; Walter W.	Seattle	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 8/ 503307 [PALM]
DATE FILED: July 17, 1995

INT-CL: [7] G06 F 17/30

US-CL-ISSUED: 707/513; 707/501
US-CL-CURRENT: 707/513; 707/501.1

FIELD-OF-SEARCH: 395/774, 395/776-778, 707/513, 707/501, 707/514, 707/515

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4710885	December 1987	Litteken	395/774
☐	4969093	November 1990	Barker et al.	395/800
☐	5347632	September 1994	Filepp et al.	395/200.09
☐	5475805	December 1995	Murata et al.	395/774
☐	5557722	September 1996	DeRose et al.	395/774

OTHER PUBLICATIONS

Duncan, Ray, "Power Programming: An HTML Primer," PC Magazine, Jun. 13, 1995, pp. 261-270.
Sperberg-McQueen et al., "HTML to the Max: a Manifesto for Adding SGML Intelligence to the World-Wide Web", http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/Autools/sperberg-McQueen/

sperberg.html., Oct. [redacted]4.

ART-UNIT: 216
PRIMARY-EXAMINER: Hong; Stephen S.
ATTY-AGENT-FIRM: Banner & Wilcoff, Ltd.

ABSTRACT:

An authoring environment for producing content for an on-line system is described. This environment includes a story editor which can save files in a Multimedia Document Format (MDF) file. A MDF file is an OLE storage wherein one storage object holds text of the content in a Multimedia Publishing Markup Language. Other parts of the MDF file include storages for holding content search terms and storages for embedded objects.

15 Claims, 19 Drawing figures

WEST

End of Result Set

Generate Collection | Print

L8: Entry 6 of 6 File: USPT Oct 6, 1998

US-PAT-NO: 5819295
DOCUMENT-IDENTIFIER: US 5819295 A

TITLE: Document storing and managing system

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakagawa; Aki	Kawasaki			JPX
Kanno; Yuji	Tokyo			JPX
Hata; Tsutomu	Tokyo			JPX

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Matsushita Electric Industrial Co., Ltd.	Osaka			JPX	03

APPL-NO: 8/ 721077 [PALM]
DATE FILED: September 26, 1996

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	7-303362	October 30, 1995

INT-CL: [6] G06 F 3/00

US-CL-ISSUED: 707/203; 395/703
US-CL-CURRENT: 707/203; 717/122

FIELD-OF-SEARCH: 395/712, 395/703, 707/200, 707/201, 707/202, 707/203

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE DATE	PATENTEE-NAME	US-CL
☐	5357631	October 1994	Howell et al.	395/600
☐	5535386	July 1996	Wang	395/600
☐	5579509	November 1996	Furtney et al.	395/500
☐	5590317	December 1996	Iguchi et al.	395/602
☐	5594836	January 1997	Ryu et al.	395/62
☐	5600832	February 1997	Eisenberg et al.	395/619
☐	5619700	April 1997	Abe	395/703
☐	5634114	May 1997	Shipley	395/500
☐	5649200	July 1997	Leblang et al.	395/703
☐	5671398	September 1997	Neubauer	395/500
☐	5675802	October 1997	Allen et al.	395/703
☐	5729744	March 1998	Gerken et al.	395/619

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
59-123071	July 1984	JPX	
2-304646	December 1990	JPX	
4-250563	September 1992	JPX	
5-89173	April 1993	JPX	
7-160560	June 1995	JPX	

OTHER PUBLICATIONS

Sachweh et al., "Version Management for tightly integrated Software Engineering Environments", IEEE, pp. 21-31 (1995).
Keller et al., "A Version Numbering Scheme with a Useful Lexicographical Order" IEEE pp. 240-248 (1995).
Abriola et al. "The Evolution of Configuration Management and Version Control" Software Engineering Journal (Nov. 90) pp. 303-310.
David Coleman, et al, "Groupware, Technology, and Applications", Sep. 27, 1995.

ART-UNIT: 271
PRIMARY-EXAMINER: Black; Thomas G.
ASSISTANT-EXAMINER: Wallace, Jr.; Michael J.
ATTY-AGENT-FIRM: Lowe Hauptman Gopstein Gilman & Berner

ABSTRACT:

A document storing and managing system for storing plural electronic documents in each of folders according to classifications and managing the stored electronic documents in a unit of the folder has a folder managing means for managing attributes of the electronic documents included in each of the folders, a document version managing means for managing information as to version of the electronic documents included in each of the folder, and a folder version managing means for managing a correspondence relation between a version of the folder and a version of each of the electronic documents included in the folder. The document storing and managing system of this invention may set and manage a version of a folder while keeping adjustability with a version of each document.

20 Claims, 16 Drawing figures

L27: Entry 36 of 38 File: USPT Sep 22, 1998

US-PAT-NO: 5812773
DOCUMENT-IDENTIFIER: US 5812773 A

TITLE: System and method for the distribution of hierarchically structured data

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Norin; Scott	Newcastle	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 8/ 679209 [PALM]
DATE FILED: July 12, 1996

INT-CL: [6] H01 J 13/00

US-CL-ISSUED: 395/200.34; 395/200.78, 395/200.31
US-CL-CURRENT: 709/204; 709/201, 709/205, 709/248

FIELD-OF-SEARCH: 395/200.31, 395/200.35, 395/200.34, 395/200.78

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5392400	February 1995	Berkowitz et el.	395/200.33
☐	5408600	April 1995	Garfinkel et al.	395/200.34
☐	5544317	August 1996	Berg	395/200.65
☐	5577240	November 1996	Demers et al.	395/608
☐	5581753	December 1996	Terry et al.	395/617
☐	5596702	January 1997	Stucka et al.	395/340

OTHER PUBLICATIONS

Terry et al., "Session guarantees for weakly consistent replicated data," Proceedings of 3rd International Conference on Parallel and Distributed Information Systems, IEEE Comput. Soc. Press, Sep. 1994.
Nye, Xlib Programming Manual, vol. 1, 3rd Ed. O'Reilly & Associates, Inc., 1993.
Obraczka et al., "A Tool for Massively Replicating Internet Archives: Design, Implementation, and Experience", IEEE, 1996.
Sidel et al., "Data Replication in Mariposa", IEEE, 1996.
Yavin, D. "Replication's Fast Track," BYTE, Aug. 1995, pp. 88a-88d, 90.

ART-UNIT: 276
PRIMARY-EXAMINER: Barry; Lance Leonard
ASSISTANT-EXAMINER: Patru; Daniel C.
ATTY-AGENT-FIRM: Workman Nydegger Seeley

ABSTRACT:

A system and method for replicating hierarchical data is disclosed. The system and method preferably use one-way, unacknowledged communication messages to transfer data among various servers in a computer network. In many instances replicating hierarchically structured data requires processing the data in a hierarchical fashion even though the data is received in essentially random order. Hierarchically structured data is processed in the proper order by dynamically reconstructing the hierarchy as messages are received and processed. The invention first stores received replication packets in an incoming packet store. The data is processed by creating certain structures in memory for each corresponding replication packet and then processing all entries in the structures that can be processed. Global lists are kept for entries that remain unprocessed. If entries remain unprocessed because of hierarchical dependence on unprocessed data, the structures will remain in memory for a period of time in anticipation that the parent will soon be processed. When parent data is processed, the global lists are checked for child data that can then be processed.

37 Claims, 10 Drawing figures

End of Result Set

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L18: Entry 4 of 4 File: USPT Jan 30, 2001

US-PAT-NO: 6182121
DOCUMENT-IDENTIFIER: US 6182121 B1

TITLE: Method and apparatus for a physical storage architecture having an improved information storage and retrieval system for a shared file environment

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wlaschin; Scott	Los Angeles	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Enfish, Inc.	Pasadena	CA			02

APPL-NO: 9/ 128922 [PALM]
DATE FILED: August 4, 1998

PARENT-CASE:
REFERENCE TO RELATED APPLICATIONS The present application is a Continuation-in-Part of application Ser. No. 08/633,839, now U.S. Pat. No. 5,850,522 entitled "System for Physical Storage Architecture Providing Simultaneous Access to Common File by Storing Update Data in Update Partitions and Merging Desired Updates into Common Partition" filed Apr. 10, 1996, issued Dec. 15, 1998 which is a Continuation-in-Part of the application entitled "Method and Apparatus for a Physical Storage Architecture for a Shared File Environment" filed Feb. 3, 1995, U.S. Pat. No. 5,790,848, Ser. No. 08/384,706. The present application is also a Continuation-In-Part of the application entitled "Method and Apparatus for Improved Information Storage and Retrieval System" filed April 10, 1996, U.S. Pat. No. 5,893,087, Ser. No. 08/633,842 which is a Continuation-In-Part of application Ser. No. 08/383,752, now U.S. Pat. No. 5,729,730 the application entitled "Method and Apparatus for Improved Information Storage and Retrieval System" filed Mar. 28, 1995, issued Mar. 17, 1998.

INT-CL: [7] G06 F 15/167

US-CL-ISSUED: 709/215; 707/1, 707/3, 707/4, 707/8, 707/10, 707/207, 711/153, 711/173

US-CL-CURRENT: 709/215; 707/1, 707/10, 707/3, 707/4, 707/8, 711/153, 711/173

FIELD-OF-SEARCH: 707/10, 707/8, 707/201, 707/3, 707/1, 707/4, 711/153, 711/173, 709/215

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4980822	December 1990	Brantley, Jr. et al.	
☐	5359724	October 1994	Earle	707/205
☐	5535375	July 1996	Eshel et al.	395/500
☐	5729730	March 1998	Wlaschin et al.	707/3
☐	5850522	December 1998	Wlaschin	709/215

ART-UNIT: 271
PRIMARY-EXAMINER: Auve; Glenn A.
ASSISTANT-EXAMINER: Dharia; Rupal D.
ATTY-AGENT-FIRM: Morrison & Foerster LLP

ABSTRACT:

A distributed storage system provides a method and apparatus for storing, retrieving, and sharing data items across multiple physical storage devices that may not always be connected with one another. The present invention comprises one or more `partitions` on distinct storage devices, with each partition comprising of a group of associated data files. Partitions can be of various types, and the partitions of the various clients may, at various times, be merged into a consolidation file or a file resident within another partition. The system resolves conflicts between two or more clients to determine which updates, if any, should be stored in a library partition. The flexible, self-referential table of the present invention may store any type of data, both structured and unstructured, and provides an interface to other application programs. The table of the present invention comprises a plurality of rows and columns. Each row has an object identification number (OID) and each column also has an OID. A row corresponds to a record and a column corresponds to a field such that the intersection of a row and a column comprises a cell that may contain data for a particular record related to a particular field, a cell may also point to another record. To enhance searching and to provide for synchronization between columns, columns are entered as rows in the table and the record corresponding to a column contains various information about the column. The table includes an index structure for extended queries.

1 Claims, 43 Drawing figures

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L3: Entry 9 of 29 File: USPT May 29, 2001

US-PAT-NO: 6240414
DOCUMENT-IDENTIFIER: US 6240414 B1

TITLE: Method of resolving data conflicts in a shared data environment

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beizer; Mordechai M.	Scarsdale	NY		
Berg; Daniel	Wilton	CT		
Scullard; Rand	New York	NY		
Simha; Pradeep R.	St. James	NY		
Solomon; Mark A.	N. Massapequa	NY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
eiSolutions, Inc.	Billerica	MA			02

APPL-NO: 9/ 136231 [PALM]
DATE FILED: August 19, 1998

PARENT-CASE:
CROSS REFERENCE TO RELATED APPLICATIONS This application claims priority under 35 U.S.C. .sctn.119 from U.S. Provisional Application Ser. No. 60/060,225 entitled "Structured Workfolder," filed on Sep. 28, 1997, the contents of which is hereby incorporated by reference.

INT-CL: [7] G06 F 17/30

US-CL-ISSUED: 707/8; 707/1, 707/10
US-CL-CURRENT: 707/8; 707/1, 707/10

FIELD-OF-SEARCH: 707/1-10, 707/100-104, 707/200-206, 711/162, 711/144, 711/152, 712/16, 712/31, 713/202, 345/331, 345/333, 345/348, 701/202

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected Search ALL

	PAT-NO	ISSUE DATE	PATENTEE-NAME	US-CL
☐	4953080	September 1998	Dysart et al.	707/103
☐	4974173	November 1990	Stefik et al.	345/331
☐	5008853	April 1991	Bly et al.	345/331
☐	5065347	November 1991	Pajak et al.	345/348
☐	5107433	April 1992	Smith et al.	701/202
☐	5115504	May 1992	Belove et al.	707/100
☐	5220657	June 1993	Bly et al.	711/152
☐	5251294	October 1993	Abelow	707/512
☐	5276835	January 1994	Mohan et al.	711/144
☐	5280609	January 1994	MacPhail	707/1
☐	5339389	August 1994	Bates et al.	345/331
☐	5428729	June 1995	Chang et al.	345/331
☐	5504889	April 1996	Burgess	707/100
☐	5504890	April 1996	Sanford	707/3
☐	5506983	April 1996	Atkinson et al.	707/1
☐	5530880	June 1996	Katsurabayashi	713/201
☐	5544360	August 1996	Lewak et al.	707/1
☐	5551046	August 1996	Mohan et al.	707/8
☐	5559692	September 1996	Telingator et al.	705/8
☐	5583993	December 1996	Foster et al.	709/205
☐	5590356	December 1996	Gilbert	712/31
☐	5627967	May 1997	Dauerer et al.	713/202
☐	5634123	May 1997	Bennion	707/100
☐	5659734	August 1997	Tsuruta et al.	707/8
☐	5671407	September 1997	Demers et al.	707/8
☐	5692178	November 1997	Shaughnessy	707/8
☐	5701462	December 1997	Whitney et al.	707/10
☐	5706452	January 1998	Ivanov	345/331
☐	5752068	May 1998	Gilbert	712/18
☐	5781908	July 1998	Williams et al.	707/104
☐	5809543	September 1998	Byers et al.	711/162

ART-UNIT: 271
PRIMARY-EXAMINER: Ho; Ruay Lian
ATTY-AGENT-FIRM: Hamilton, Brook, Smith & Reynolds, P.C.

ABSTRACT:

A method and system for automatically resolving data conflicts in a shared data environment where a plurality of users can concurrently access at least portions of a master data file is presented. Users process data files by means of local copies of a master data file. When an attempted update of a master data file with an edited data file from a user is detected, the updating file is analyzed to determine if any changes made are in conflict with changes made to the master data file by a second

user. If a conflict is detected, it is resolved by merging the updating file into the master file according to a predefined set of rules. For conflicts which are not resolved by rule-based reconciliation, at least one user is notified of the conflict and presented with conflict resolving information and the conflict is resolved according to user input.

37 Claims, 11 Drawing figures

WEST

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L6: Entry 12 of 21 File: USPT Feb 20, 2001

US-PAT-NO: 6191786
DOCUMENT-IDENTIFIER: US 6191786 B1

TITLE: Navigational file system

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eyzaguirre; Alan K.	Santa Cruz	CA	94052	
Wishnie; Jeffrey L.	San Francisco	CA	94110	
Quinto; Kai L.	San Francisco	CA	94110	

APPL-NO: 8/ 845997 [PALM]
DATE FILED: April 25, 1997

INT-CL: [7] G06 F 3/00, G06 F 15/16

US-CL-ISSUED: 345/356; 345/357, 707/501, 709/203, 709/219
US-CL-CURRENT: 345/853; 709/203, 709/219

FIELD-OF-SEARCH: 707/501, 345/356, 345/357, 345/346, 709/203, 709/219

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5500929	March 1996	Dickinson	345/356
☐	5546517	August 1996	Marks et al.	707/501
☐	5625781	April 1997	Cline et al.	395/335
☐	5644736	July 1997	Healy et al.	345/341
☐	5694594	December 1997	Chang	707/6
☐	5708825	January 1998	Sotomayor	707/501
☐	5724595	March 1998	Gentner	707/501
☐	5793966	August 1998	Amstein et al.	709/203
☐	5801702	September 1998	Dolan et al.	345/357

ART-UNIT: 273
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ABSTRACT:

A method and apparatus for specifying the hierarchy of pages in a web site. The apparatus may include a graphical user interface providing a window including a display space for displaying a navigational structure for the web site on an output device. The tool includes an import tool for selecting a page to be displayed in the web site from a file structure, a placement tool for placing the page into the navigational structure and a structure routine for assigning a navigational relationship to a page relative to other pages in the web site as each is placed in the navigational structure. The navigational structure may be displayed in a tree format or an organizational chart format. The apparatus may be a computer program containing instructions for causing a computer to select a plurality of files for inclusion in a web site where the files are stored in a physical file structure, assign a navigational relationship between the files and represent the navigational relationship between files in a navigational structure for display to a user on an output device. The apparatus may include a memory for storing a plurality of files and a file structure. The file structure may include a plurality of hierarchical levels with at least one file per hierarchical level. The file structure defines a navigational relationship between the plurality of files where the files are the only structural elements in the file structure.

9 Claims, 11 Drawing figures